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(54) Title: PRODUCTION OF HETEROLOGOUS GLYCOSYLATED PROTEINS IN BRYOPHYTE CELLS

(57) Abstract: Bryophyte plants and bryophyte plant cells comprising dysfunctional fucT and xylT genes and an introduced glycosyl transferase gene, methods for the production of glycosylated proteins therewith, vectors and uses thereof.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
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B. FIELDS SEARCHED

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, BIOSIS, MEDLINE, EMBASE, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/29242 A (MONSANTO CO) 26 April 2001 (2001-04-26) abstract	26-28, 30, 32, 33
Y	page 8 -page 9; examples 3,4	1-25, 29, 31, 34-37
Y	KOPRIVOVA ANNA ET AL: "Functional knockout of the adenosine 5'-phosphosulfate reductase gene in Physcomitrella patens revives an old route of sulfate assimilation." JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 277, no. 35, 30 August 2002 (2002-08-30), pages 32195-32201, XP002245177 August 30, 2002 ISSN: 0021-9258 abstract	1-25, 29, 31, 34-37

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	SCHAEFER D G ET AL: "EFFICIENT GENE TARGETING IN THE MOSS PHYSCOMITRELLA PATENS" PLANT JOURNAL, BLACKWELL SCIENTIFIC PUBLICATIONS, OXFORD, GB, vol. 11, no. 6, June 1997 (1997-06), pages 1195-1206, XP000885764 ISSN: 0960-7412 abstract ---	1-37
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